

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## **Declaration for Patent Application**

As achamed inventor, I hereby declare that:

TRADMy residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

		ER WITH FLIT CAC								
the spe	ecification of which	n (check one)								
[]	is attached heret	о.								
[x]	was filed on May 21, 1999 as United States Application 09/316,699									
	Number or PCT	International Applica	ation No		<del></del>					
	and was amende	ed on	(if applicable).							
includi			d understand the contents of the about dment referred to above.	ove-ide	ntified	spe	cifica	tion,		
define	I acknowledge to d in 37 C.F.R. §1.5		formation which is known by me to	be ma	terial t	o pat	ental	ility	as	
country any for	ent or inventor's ce y other than the Ur reign application fo	ertificate or 365(a) of nited States of Americ	ts under 35 U.S.C. 119(a)-(d) or 36 any PCT international application van listed below and have also identic certificate, or of any PCT internationity is claimed:	vhich of fied be	lesigna low, b	ited a	t leas	st one g the	box,	
		Pr	ior Foreign Application(s)	N	ority lot imed	( Y	Cert Copy ES	Filed	l? [O	
(Numb	oer)	(Country)	(Day/Month/Year filed)	_ [	]	[	]	[	]	
(Numb	per)	(Country)	(Day/Month/Year filed)	_ [	]	[	]	[	]	
(Numb	per)	(Country)	(Day/Month/Year filed)	_ [	]	[	]	[	]	
I hereb	by claim the benefi	t under 35 U.S.C. §11	9(e) of any United States provision	al appl	lication	ı(s) l	isted	belov	v.	
(Applie	cation Number)		(Filing Date)		<del></del>					
(Applie	cation Number)		(Filing Date)							

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.	.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.	.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.	.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.	.)	(Filing date)	(Status: patented, pending, abandoned)
As a named in Hamilton, Brook, Smi Customer No. 210	ith & Reynold:	y appoint the attorney s, P.C., Two Militia	ys and/or agents associated with  Drive, Lexington, Massachusetts 02421-4799
and		· · · · · · · · · · · · · · · · · · ·	
to prosecute this applic	ation and to tra	insact all business in t	the Patent and Trademark Office connected therewith.
Please send co	orrespondence	e to: [ ] Customer or [X] Address b	No. Noted Above
HAM Two Lexii	Militia Órive ngton, MA 02	OOK, SMITH & RE <sup>V</sup>	
HAM Two Lexion	MILTON, BRO Militia Drive ngton, MA 02 one calls to: _Ja	OOK, SMITH & REVIOLE AND AMERICAN SMITH & REVIOLE AND AMERICAN SMITH, Esq.	Telephone No.: 781-861-6240
HAM Two Lexion	MILTON, BRO Militia Drive ngton, MA 02 one calls to: _Ja	OOK, SMITH & RE <sup>V</sup>	
HAM Two Lexin  Direct telepho Direct facsimi  I hereby decla made on information an knowledge that willful	MILTON, BRO Militia Drive ngton, MA 02 one calls to: Ja les to: Ja re that all state nd belief are be false statement 8 of the United	mes M. Smith, Esq. mes M. Smith, Esq. mes M. Smith, Esq. ments made herein of elieved to be true; and ts and the like so mad! States Code and that	Telephone No.: 781-861-6240
HAM Two Lexis  Direct telepho  Direct facsimi  I hereby decla made on information as knowledge that willful Section 1001 of Title 1	MILTON, BRO Militia Drive ngton, MA 02 one calls to: Ja les to: Ja re that all state nd belief are be false statement 8 of the United	mes M. Smith, Esq. mes M. Smith, Esq. mes M. Smith, Esq. ments made herein of elieved to be true; and ts and the like so mad! States Code and that	Telephone No.: 781-861-6240  Facsimile No.: 781-861-9540  Fmy own knowledge are true and that all statements further that these statements were made with the e are punishable by fine or imprisonment, or both, under
HAM Two Lexis  Direct telepho Direct facsimi  I hereby decla made on information as knowledge that willful Section 1001 of Title 1 of the application or an	MILTON, BRO Militia Drive ngton, MA 02 one calls to: Ja les to: Ja re that all state nd belief are be false statement 8 of the United by patent issued	mes M. Smith, Esq. mes M. Smith, Esq. mes M. Smith, Esq. ments made herein of elieved to be true; and ts and the like so mad I States Code and that I thereon.	Telephone No.: 781-861-6240  Facsimile No.: 781-861-9540  Fmy own knowledge are true and that all statements further that these statements were made with the e are punishable by fine or imprisonment, or both, under
HAM Two Lexis  Direct telepho Direct facsimi  I hereby decla made on information as knowledge that willful Section 1001 of Title 1 of the application or an	MILTON, BRO Militia Drive ngton, MA 02 one calls to: Ja les to: Ja re that all state nd belief are be false statement 8 of the United by patent issued	mes M. Smith, Esq. mes M. Smith, Esq. mes M. Smith, Esq. ments made herein of elieved to be true; and ts and the like so mad I States Code and that I thereon.	Telephone No.: 781-861-6240  Facsimile No.: 781-861-9540  Fmy own knowledge are true and that all statements further that these statements were made with the e are punishable by fine or imprisonment, or both, under
Direct telepho Direct facsimi  I hereby decla made on information as knowledge that willful Section 1001 of Title 1 of the application or an  Full name of sole or first inventor	MILTON, BRO Militia Drive Ington, MA 02  The calls to:	mes M. Smith, Esq. mes M. Smith, Esq. mes M. Smith, Esq. ments made herein of elieved to be true; and its and the like so mad I States Code and that I thereon.	Telephone No.: 781-861-6240  Facsimile No.: 781-861-9540  The system of
HAM Two Lexin  Direct telepho Direct facsimi  I hereby decla made on information at knowledge that willful Section 1001 of Title 1 of the application or an  Full name of sole or first inventor  Inventor's Signature	MILTON, BRO Militia Drive Ington, MA 02  In e calls to:	mes M. Smith, Esq. mes M. Smith, Esq. mes M. Smith, Esq. ments made herein of elieved to be true; and its and the like so mad I States Code and that I thereon.	Telephone No.: 781-861-6240  Facsimile No.: 781-861-9540  The system of
HAM Two Lexin  Direct telepho Direct facsimi  I hereby decla made on information at knowledge that willful Section 1001 of Title 1 of the application or an  Full name of sole or first inventor  Inventor's Signature	MILTON, BRO Militia Drive Ington, MA 02  In calls to:	mes M. Smith, Esq. mes M. Smith, Esq. ments made herein of elieved to be true; and ts and the like so made and that thereon.  Dally	Telephone No.: 781-861-6240  Facsimile No.: 781-861-9540  The system of

Full name of second joi	 int	
inventor, if any	Philip P. Carvey	
Inventor's Signature		Date
Residence	7 Daniels Road	
	Bedford, Massachusetts 01730	
Citizenship	U.S.	
	As above	
inventor, if any	P. Allen King	
Inventor's Signature		Date
_	30 Gibson Street	
	Needham, Massachusetts 02192	
Citizenship	U.S.	
	As above	
inventor, if any	William F. Mann	
Residence	23 Checkerberry Circle	
	Sudbury, Massachusetts 01776	
Citizenship	U.S.	
	As above	
inventor, if any	Larry R. Dennison	
Inventor's Signature		Date
Residence	505 Nahatan Street	
	Norwood, Massachusetts 02062	
Citizenship	U.S.	
	As above	

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE **Declaration for Patent Application**

## a samed inventor, I hereby declare that:

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

	FABRIC ROUTE	ER WITH FLIT CAC	CHING						
the spe	ecification of which	(check one)							
[]	is attached hereto	ı <b>.</b>							
[x]	was filed on <u>M</u>	(av 21, 1999	as United States Application	09/316,	699				
		•	ation No						
		l on							
			d understand the contents of the abo	ove_ide	ntified	snec	rifica	tion	
includ			dunderstand the contents of the ab-	ove-ide	ittiicu	эрсс	)IIICa	11011,	
define	I acknowledge th d in 37 C.F.R. §1.56		formation which is known by me to	be ma	terial t	o pat	ental	oility	as
countr any fo	ent or inventor's cer y other than the Uni reign application for	tificate or 365(a) of ted States of Americ r patent or inventor's lication on which pr	ts under 35 U.S.C. 119(a)-(d) or 36 any PCT international application vea, listed below and have also identificate, or of any PCT internationity is claimed:  ior Foreign Application(s)	which of fied be onal ap	lesigna low, b plicati ority	ted a y che on h	t leas eckin aving	st one g the g a fil	box, ing
					lot imed	Y	Lopy ES	Filed N	i? O
(Numb	per)	(Country)	(Day/Month/Year filed)	_ [	]	[	]	[	]
(Numb	per)	(Country)	(Day/Month/Year filed)	_ [	]	[	]	[	]
(Numb	per)	(Country)	(Day/Month/Year filed)	_ [	]	[	]	[	]
I hereb	by claim the benefit	under 35 U.S.C. §11	9(e) of any United States provision	al appl	ication	ı(s) li	isted	belov	v.
(Appli	cation Number)		(Filing Date)				- <del>-</del>		
(Appli	cation Number)		(Filing Date)						

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing da	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing da	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing da	(Status: patented, pending, abandoned)
Hamilton, Brook, Smit Customer No. 2100	h & Reynolds, P.C., Tw	the attorneys and/or agents associated with vo Militia Drive, Lexington, Massachusetts 02421-4799
		usiness in the Patent and Trademark Office connected therewith.
Please send co	•	Customer No. Noted Above or Address below:
HAM Two I	s M. Smith, Esq. ILTON, BROOK, SMIT Militia Drive gton, MA 02421-4799	TH & REYNOLDS, P.C.
HAM Two I Lexin	ILTON, BROOK, SMIT Militia Drive	
HAM Two I Lexin	ILTON, BROOK, SMIT Militia Drive gton, MA 02421-4799	nith, Esq. Telephone No.: 781-861-6240
HAM Two I Lexin  Direct telephor  Direct facsimil  I hereby declar made on information an knowledge that willful f	ILTON, BROOK, SMITMALL SMITMAL	nith, Esq. Telephone No.: 781-861-6240
HAM Two I Lexin  Direct telephor  Direct facsimil  I hereby declar made on information an knowledge that willful f Section 1001 of Title 18 of the application or any	ILTON, BROOK, SMITMALL SMITMAL	nith, Esq. Telephone No.: 781-861-6240  nith, Esq. Facsimile No.: 781-861-9540  le herein of my own knowledge are true and that all statements be true; and further that these statements were made with the like so made are punishable by fine or imprisonment, or both, under
HAM Two I Lexin  Direct telephor  Direct facsimil  I hereby declar made on information an knowledge that willful f Section 1001 of Title 18 of the application or any	Militia Drive gton, MA 02421-4799  The calls to: _James M. Sm  The calls to: _James M. Sm  The that all statements made abelief are believed to be alse statements and the lift of the United States Cod apatent issued thereon.	nith, Esq. Telephone No.: 781-861-6240  nith, Esq. Facsimile No.: 781-861-9540  le herein of my own knowledge are true and that all statements be true; and further that these statements were made with the like so made are punishable by fine or imprisonment, or both, under
HAM Two I Lexin  Direct telephor  Direct facsimil  I hereby declar made on information an knowledge that willful f Section 1001 of Title 18 of the application or any  Full name of sole  or first inventor	ILTON, BROOK, SMITMILITION, BROOK, SMITMILITION, BROOK, SMITMILITION, MA 02421-4799  The calls to:	nith, Esq. Telephone No.: 781-861-6240  nith, Esq. Facsimile No.: 781-861-9540  le herein of my own knowledge are true and that all statements be true; and further that these statements were made with the like so made are punishable by fine or imprisonment, or both, under de and that such willful false statements may jeopardize the validity
HAM Two I Lexin  Direct telephor Direct facsimil  I hereby declar made on information an knowledge that willful f Section 1001 of Title 18 of the application or any  Full name of sole or first inventor  Inventor's Signature	ILTON, BROOK, SMITMILITION, BROOK, SMITMILITION, BROOK, SMITMILITION, MA 02421-4799  The calls to:James M. Smitmes to:James M. Smitmes that all statements made discontinuous description of the United States Code patent issued thereon	nith, Esq. Telephone No.: 781-861-6240  nith, Esq. Facsimile No.: 781-861-9540  The herein of my own knowledge are true and that all statements be true; and further that these statements were made with the like so made are punishable by fine or imprisonment, or both, under the de and that such willful false statements may jeopardize the validity
Direct telephor Direct facsimil  I hereby declar made on information an knowledge that willful f Section 1001 of Title 18 of the application or any  Full name of sole or first inventor  Inventor's Signature  Residence	ILTON, BROOK, SMITMILITION, BROOK, SMITMILITION, BROOK, SMITMILITION, MA 02421-4799  The calls to:	nith, Esq. Telephone No.: 781-861-6240  nith, Esq. Facsimile No.: 781-861-9540  le herein of my own knowledge are true and that all statements be true; and further that these statements were made with the like so made are punishable by fine or imprisonment, or both, under de and that such willful false statements may jeopardize the validity
Direct telephor Direct facsimil  I hereby declar made on information an knowledge that willful f Section 1001 of Title 18 of the application or any  Full name of sole or first inventor  Inventor's Signature  Residence	ILTON, BROOK, SMITMILITION, BROOK, SMITMILITION, BROOK, SMITMILITION, MA 02421-4799  The calls to:James M. Smitmes to:James M. Smitmes that all statements made discontinuous description of the United States Code patent issued thereon.  William J. Dally  1068 Vernier Place  Stanford, California	nith, Esq. Telephone No.: 781-861-6240  nith, Esq. Facsimile No.: 781-861-9540  The herein of my own knowledge are true and that all statements be true; and further that these statements were made with the like so made are punishable by fine or imprisonment, or both, under de and that such willful false statements may jeopardize the validity  Date

Full name of second joi		
inventor, if any	• • <u> </u>	
Inventor's Signature	( / / / / / / / / / / / / / / / / / / /	Date 8/0/99
Residence	$\mathcal{L}$	Date
	Bedford, Massachusetts 01730	
	U.S.	
Post Office Address	As above	
inventor, if any	P. Allen King	
Inventor's Signature	P. allen Kny	Date
Residence		/ "
	Needham, Massachusetts 02192	
Citizenship	U.S.	
Post Office Address	As above	· · · · · · · · · · · · · · · · · · ·
Full name of fourth join	nt .	
	William F. Mann	
Inventor's Signature	William of Mann	Date <u>6 - 25 - 99</u>
Residence	23 Checkerberry Circle	
	Sudbury, Massachusetts 01776	<u> </u>
Citizenship	U.S.	
Post Office Address	As above	
Full name of fifth joint		
inventor, if any	Larry R. Dennison	
Inventor's Signature	Larry Rolennin	Date <u>8/9/99</u>
Residence	505 Nahatan Street	
	Norwood, Massachusetts 02062	
Citizenship	U.S.	
Post Office Address	As above	
<del></del>		